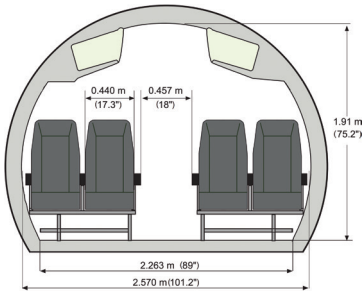
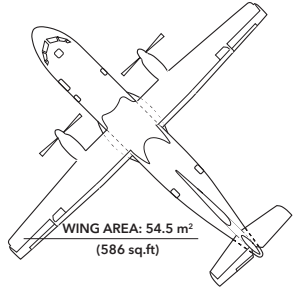
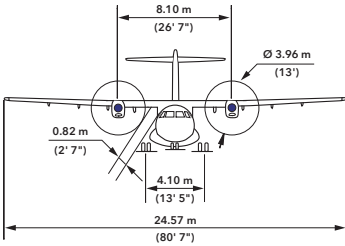
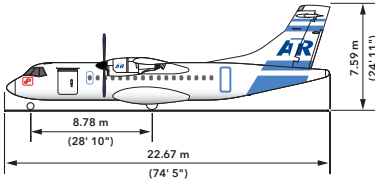
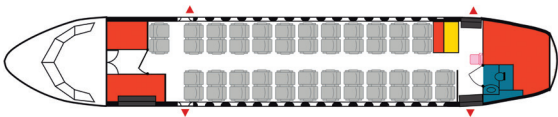


ATR 42-300



48 pax at 30" pitch



■ Attendant seat
 ■ Galley
 ■ Toilet
 ■ Baggage
 ▲ Emergency Exits

ATR 42-300

| STANDARD CONFIGURATION | | 48 seats |
|---|--|------------------------|
| Engines Pratt & Whitney Canada | | PW120 |
| Take-off power | | 1,800 SHP |
| Take-off power - One engine | | 2,000 SHP |
| Max continuous | | 1,700 SHP |
| Max climb | | 1,700 SHP |
| Max cruise | | 1,619 SHP |
| Propellers Hamilton Standard | | 14 SF-5 |
| Blades - diameter | | 4 - 3.96 m - 13 ft |
| Weights | | |
| Max take-off weight (basic) | | 16,700 kg - 36,817 lb |
| Max take-off weight (option) | | 16,900 kg - 37,257 lb |
| Max landing weight (basic) | | 16,400 kg - 36,155 lb |
| Max zero fuel weight (basic) | | 15,200 kg - 33,510 lb |
| Max zero fuel weight (option) | | 15,540 kg - 34,259 lb |
| Operational empty weight (Tech. Spec.) | | 10,285 kg - 22,674 lb |
| Operational empty weight (Typical in-service) | | 10,900 kg - 24,030 lb |
| Max payload (at typical in-service OEW) | | 4,640 kg - 10,229 lb |
| Max fuel load | | 4,500 kg - 9,921 lb |
| Airfield performance | | |
| Take-off distance | | |
| > Basic - MTOW - ISA - SL | | 1,090 m - 3,576 ft |
| > Option - MTOW - ISA - SL | | 1,123 m - 3,684 ft |
| > TOW for 300 NM - Max pax - SL - ISA | | 1,077 m - 3,533 ft |
| > TOW for 300 NM - Max pax - 3,000 ft - ISA +10 | | 1,277 m - 4,189 ft |
| Take-off speed (V2 min @ MTOW) | | 108 KCAS |
| Landing field length (EASA Air Ops) | | |
| > Basic MLW - SL | | 887 m - 2,910 ft |
| > LW (max pax + reserves) - SL | | 867 m - 2,844 ft |
| > Reference speed at landing | | 103 KIAS |
| En-route performance | | |
| Optimum climb speed | | 160 KCAS |
| Rate of climb (ISA, SL, MTOW) | | 1,320 ft/min |
| Time to climb to FL170 | | 15.1 min |
| One engine net ceiling (95% MTOW, ISA +10) | | 9,580 ft |
| Max Cruise speed (95% MTOW - ISA - Optimum FL) | | 266 KTAS - 493 km/h |
| Fuel flow at cruise speed | | 568 kg/hr - 1,252 lb/h |
| Range with max pax | | 449 NM |
| 200 NM Block Fuel | | 503 kg - 1,109 lb |
| 200 NM Block Time | | 62 min |
| 300 NM Block Fuel | | 682 kg - 1,504 lb |
| 300 NM Block Time | | 86 min |